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Access DB# 151849

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name Minerva Rivero Examiner #: 80496 Date: 5/3/2005  
 Art Unit: 2655 Phone Number 571-272-7626 Serial Number: 09/767093  
 Location: KNX Results Format Preferred (circle): PAPER DISK E-MAIL  
8D24

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elements or structures; keywords, synonyms, acronyms, and registry numbers; and combine with the concept or utility of the invention. Define all terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method for Reducing Latency in Speech-Based Applications

Inventors (please provide full names): Schmid et al. (Phillip Schmid)

Earliest Priority Filing Date: January 22<sup>nd</sup>, 2001

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Focus on claim 1, element c.

("grammar structure") and ("context free grammar") and  
 (("semantic tag" or "semantic information" or "semantic") with  
 (first or foremost or ahead or forward))

## STAFF USE ONLY

Searcher: Patel Samir

Searcher Phone #: 2-3537

Searcher Location: KNX-8B68

Date Searcher Picked Up: 1:15 PM/05/04

Date Completed: 10:30 AM/05/05

Searcher Prep & Review Time: 100

Clerical Prep Time: \_\_\_\_\_

Online Time: 140

## Type of Search

Sequence (#) \_\_\_\_\_

AA Sequence (#) \_\_\_\_\_

Structure (#) \_\_\_\_\_

Bibliographic ☒

Litigation \_\_\_\_\_

Fulltext ☒

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

## Vendors and cost where applicable

STN \_\_\_\_\_

Dialog ☒

Questel/Orbit \_\_\_\_\_

Dr.Link \_\_\_\_\_

Lexis/Nexis \_\_\_\_\_

Sequence Systems \_\_\_\_\_

WWW/Internet ☒

Other (specify) \_\_\_\_\_

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	343	704/1.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/09 16:19
L2	321	704/10.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/09 16:19
L3	815	704/9.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/09 16:19
L4	307	704/257.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/09 16:19
L5	334	704/255.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/09 16:19
L6	205	704/4.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/09 16:20
L7	13	"semantic information" and "grammar structure"	US-PGPUB; USPAT	OR	OFF	2005/05/09 16:20
S2	16	704/257.ccls. and ((semant\$6 meaning\$2) same grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 14:22
S3	52	704/9.ccls. and ((semant\$6 meaning\$2) same grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 14:23
S4	13	704/2.ccls. and ((semant\$6 meaning\$2) same grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 14:23
S5	2	704/3.ccls. and ((semant\$6 meaning\$2) same grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 14:23
S6	5	704/8.ccls. and ((semant\$6 meaning\$2) same grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 14:23
S7	7	704/10.ccls. and ((semant\$6 meaning\$2) same grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 14:24
S8	16	704/10.ccls. and ((semant\$6 meaning\$2) and grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 14:25
S9	16	704/10.ccls. and ((semant\$6 meaning\$2) and grammar) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:25

S10	30	704/10.ccls. and ((semant\$6 meaning\$2)) and ((recogni\$4 semant\$6) with (value tag identifier))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:26
S11	46	704/10.ccls. and ((semant\$6 meaning\$2)) and ((recogni\$4 semant\$6) same (value tag identifier))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:26
S12	23	704/10.ccls. and ((semant\$6 meaning\$2)) same ((recogni\$4 semant\$6) same (value tag identifier))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:26
S13	46	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and ((semant\$6 meaning\$2) same (recogni\$4) same (value tag identifier))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:30
S14	647	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and ((semant\$6 meaning\$2) and (recogni\$4) and (value tag identifier))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:30
S15	229	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4) and ((semant\$6 meaning\$2) same (value tag identifier))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:34
S16	229	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4) and (((semant\$6 meaning\$2) same (value tag identifier)))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:35
S17	266	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4 translation) and (((semant\$6 meaning\$2) same (value tag identifier)))	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:38
S18	65	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4 translation) and (semant\$6 meaning\$2) and (value tag identifier indicat\$5) and hypothesis	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:41
S19	67	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4 translation) and (semant\$6 meaning\$2 syntact\$4) and (value tag identifier indicat\$5) and hypothesis	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:42

S20	983	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4 translation) and (semant\$6 meaning\$2 syntact\$4) and (value tag identifier indicat\$5)	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:42
S21	562	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4 translation) and (semant\$6 meaning\$2 syntact\$4) and (value tag identifier indicat\$5)and "natural language"	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:43
S22	422	(704/10.ccls. 704/2.ccls. 704/3.ccls. 704/4.ccls. 704/8.ccls. 704/9.ccls.) and (recogni\$4 translation) and (semant\$6 meaning\$2 syntact\$4) and (value tag identifier indicat\$5)and "natural language" and grammar\$5	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:48
S23	52	707/4.ccls. and (recogni\$4 translation) and (semant\$6 meaning\$2 syntact\$4) and (value tag identifier indicat\$5)and "natural language" and grammar\$5	US-PGPUB; USPAT	OR	OFF	2004/08/20 14:48
S24	0	("767093.ap.").PN.	US-PGPUB; USOCR	OR	OFF	2004/08/20 14:13
S25	0	((("767093.ap.").PN.)	USPAT	OR	OFF	2004/08/20 09:20
S26	1	"767093".ap.	US-PGPUB	OR	OFF	2004/08/20 09:35
S27	2	704/4.ccls. and (semant\$5 same ambigu\$3 same information same "grammar structure")	US-PGPUB; USPAT	OR	OFF	2004/08/20 09:45
S28	2	"704"/\$.ccls. and (semant\$5 same ambigu\$3 same information same "grammar structure")	US-PGPUB; USPAT	OR	OFF	2004/08/20 09:46
S29	6	"704"/\$.ccls. and (semant\$5 same information same "grammar structure")	US-PGPUB; USPAT	OR	OFF	2004/08/20 09:46
S30	4	"767093".ap.	US-PGPUB; USPAT	OR	OFF	2005/04/25 10:21